Incoming

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From: "Jensen, Doug (KUCC)" <jensend@kennecott.com>
To: LYNNKUNZLER@utah.gov; PENNYBERRY@utah.gov
Date: 4/9/2009 7:03 AM
Subject: FW: April report 2009

Penny,

Please file under M/-53/005

Thanks

Doug

Final closure report

Report

Dan Slyter

2569 S. Sunshine Circle

Washington, Utah- 84780
Date: April 8th, 2009

State Contract # 986739 Goldstrike Reclamation and Monitoring

Doug, I will send a package to your address @ 1616 E Gordon Avenue in Layton. The package will have all my receipts and a breakdown of parts used in the installation of the leach field and pipeline repair at Pad # 1.

I received a call from Dean Cox yesterday. He received the photos of the project and didn't have any questions.

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Here is a breakdown by date;

March 31st- I drove to Hurricane to finalize the excavator rental at Wheeler Machinery and went Scholzen products and purchased the tank, pipe, geo fabric and misc. fittings and parts to do the jobs.

April 1st -I went to the site early and dropped off everything and placed items where they would be close for installation. I then picked up more fittings at Home Depot and cut more fittings for the exit manifold that I had started the day before at my shop.

April 2nd-I picked up Pat Landers and Robert Hixson and arrived early at site. We uncovered the old feed line. I had expected a victaulic flange adapter and found a 6" hugger clamp instead. I had anticipated this and had to cut off all the bolts since they had rusted beyond removing with wrenches.

Pat excavated for the septic tank but the area was all rock and no fines were available for bedding the tank. I placed the tank in the hole but did not backfill since there were no fines or sandy fraction for bedding in the plastic tank. Pat then began trenching for the drainage pipe.

April 3rd - I brought out Tim Miles to help me pack dirt fines for bedding the tank. Pat finally found some sand while excavating trench number three and supplied us with good bedding soil. Tim and I were required to place fines under the discharge manifold to protect it from damage when it settles. This needed to be done by hand and took most of the day. We used damp material and tamped it in by 6 inch lifts. We then installed the intake pipe the same way. It snowed on us most of the day and the wind chilled us to the bone. We also placed the drainage pipe and bedded most of it by hand. We buried the old distribution tank and associated piping.

April 6th - Pat Landers and I finished backfilling trenches and we placed large rocks around the underground tank to protect it from any vehicles that might drive over it. It also marks the spot in the event that we need to take water samples in the future. We then closed of the access road to the East Hamburg Pit and moved to the Pad 1 sump after cleaning up our area. We located the Sump 1 drain line about 30 feet west of the sump. About 10 feet of the pipe was burned up completely and another 20 feet had melted and collapsed which prevented very little waste rock from entering the 12' HDPE pipe line.

We removed the outer secondary pipe and then cut the 12" pipe to allow the new pipe to go down inside and connect to the sump discharge line.

I used geotextile cloth to prevent fines migration into any open areas and then we covered everything with pad material with sufficient depth to protect the plastic in the event of another brush fire in the area again.

April 7th- I ordered pictures and sent electronic files to Dean Cox for Washington County.

April 8th- Return of unused materials, returned key to Wheeler Machinery and paid bill to obtain invoice. I put together a table for expenditures and hourly detail for book keeping. I will enclose hard copies of report and invoice and all receipts with photographs and mail them tomorrow to you.

I appreciated working with you and I believe the leach system will outlast the sumps on the leach pads. The steel sumps and underground steel pipe lines will probably rust away before the leach system plugs off. The plastic septic tank will not rust and it is large enough to contain all the scale and rust that settles out before reaching the leach/drainage lines.

Thanks again

Dan Slyter- USMX/ Dakota Mines